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28. (Amended) A system as recited in claim 27, wherein said front portion further comprises at least one removable panel positioned on said front portion of said platform, said at least one removable panel further constructed so as to provide quick access to said inner portion of said platform.

### REMARKS

Paragraph [0032] is Amended to add reference number **6b** that was erroneously omitted from the original Specification.

Paragraph [0035] is Amended to add show that reference number **103e** refers to filters, fans and vents which are not shown.


Paragraph [0040] is Amended to correct the placement of a parenthesis.

Applicant proposes to make Drawing Corrections to Figures 2, 3(d), 5(c) and 6 to insert omitted reference numbers.

Claims 1, 16 and 22 have been amended to specifically recite components and wires referred to in dependent Claims.

Attached hereto is a marked-up version of the changes made to the Specification by the current Amendment. The attached page is captioned "**Version with Markings to Show Changes Made.**"

Respectfully submitted,



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30 JAN 2002  
DATE

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Version with Markings to Show Changes Made."

**In the Specification:**

Paragraph [0032] has been Amended as follows:

[0032]       **Figure 4** shows a preferred embodiment of the present invention where the platform system 1 is positioned onto and attached to a robotic vehicle, R having a drive train and power supply. First side 3a provides air flow apparatus 3c and 3d (and air flow apparatus 3e and 3f on side 3b, not shown). Front portion 4 includes an aperture 4a into which a scanning laser rangefinder (LADAR) is positioned. Front portion 4 also includes sonic sensors 4b. System 1 also allows for a plurality of apparatus and sensors A to be positioned on plates 6a, 6b, 6c and 6d, as shown. As discussed above, system 1 allows the robotic vehicle R to obtain and transmit data in harsh environments and weather conditions. The platform system 1 provides a water, dust and dirt resistant enclosure mechanism which protects the sensors and apparatus from damage while at the same time providing a mechanism by which individual apparatus/sensor(s), components of the apparatus/sensor(s) including all wiring can be easily accessed, maintained and repaired.

Paragraph [0035] has been Amended as follows:

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[0035] Side portion 103a includes a side panel 103c, and side portion 103b includes a side panel 103d. Panels 103c and 103d are attached to their respective panels via screws

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S. Additionally, panels 103c and 103d may be hinged, utilizing quick release hinges, along the bottom edges (not shown) and fastened using known fastening apparatus. Side panels 103c and 103d, as shown in figure 5, also includes air flow apparatus 103e. Air flow apparatus 103e include filters, fans and vents to provide necessary air flow to prevent components and wiring from overheating (not shown).

Paragraph [0040] has been Amended as follows:

[0040] As shown in **figure 5(c)**, when the upper portion 102 and base 107 are raised, a fastener mechanism 108, having a catch 108a and a rod 108b maintains the upper portion 102 and base 107 in the raised position. A safety cable 108c prevents the upper portion 102 and base 107 from opening too far in the ascending direction before catch 108a and rod 108b are attached. Quick release latching mechanisms 109a (proximate to side 103a) and 109b (proximate to side) 103b and not shown[] allow for rapidly opening and closing upper portion 102 and base 107.

**In the Claims:**

Claim 1 has been Amended as follows:

1. (Amended) 1. A system for attaching apparatus and sensor devices comprising:

An upper portion, a first side, a second side, a front portion and a back portion constructed so as to form a platform, wherein said platform is further constructed so as to house a plurality of said apparatus and said sensors[.], said apparatus and said sensors being further comprised of at least one component part and at least one wire.

Claim 16 has been Amended as follows:

16. A robotic vehicle having a drive train and power supply comprising:

an upper portion, a first side, a second side, a front portion and a back portion constructed so as to form a platform, wherein said platform is further constructed so as to house a plurality of apparatus and sensors[;], said apparatus and said sensors being further comprised of at least one component part and at least one wire.

said platform further comprising a plurality of quick release upper hinges, said upper hinges constructed so as to allow said upper portion to be lifted away from said front portion and said base portion;

said platform further comprising a plurality of gas charged lift supports, said lift supports constructed so as to control the rate of ascent and descent of said upper portion, said lift supports further constructed so as to hold said upper portion in an open position and prevent inadvertent closing of said upper portion;

said platform comprising a plurality of quick release lower hinges, said hinges constructed so as to allow said upper portion and said base to be lifted away from said front portion; and

said platform further comprising a support mechanism, said support mechanism further comprising a catch, a rod and a safety cable, said support mechanism further constructed so as to maintain said upper portion and said base in a raised position, said safety cable further constructed so as to prevent said upper portion and said base from opening too far.

Claim 22 has been Amended as follows:

22. (Amended) A system for attaching apparatus and sensor devices comprising:

An upper portion, a first side, a second side, a front portion and a back portion constructed so as to form a platform, wherein said platform is further constructed so as

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to house a plurality of said apparatus and said sensors[;],  
said apparatus and said sensors being further comprised of  
at least one component part and at least one wire; and

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said first and second sides each further comprising a  
removable panel, said removable panel constructed so as to  
be removable from said first and second sides, said panels  
further constructed so as to allow access into an inner  
portion of said platform.

Claim 28 has been Amended as follows:

28. (Amended) A system as recited in claim 27, wherein said  
front portion further comprises at least one removable  
panel[s] positioned on said front portion of said platform,  
said at least one removable panel [front panels] further  
constructed so as to provide quick access to said inner  
portion of said platform.

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PROPOSED DRAWING- CORRECTION

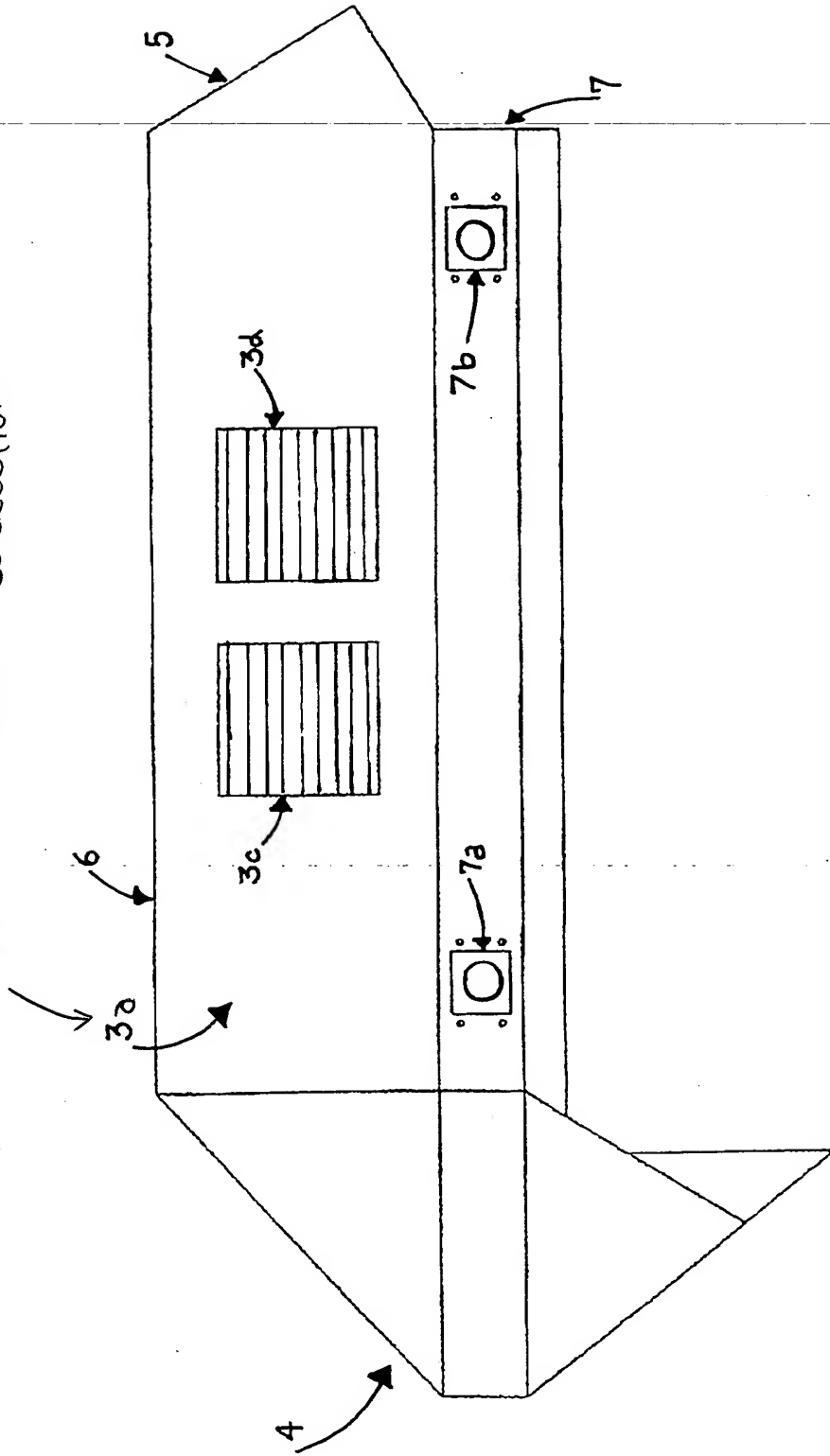


FIGURE 2

PROPOSED DRAWING-CHANGE

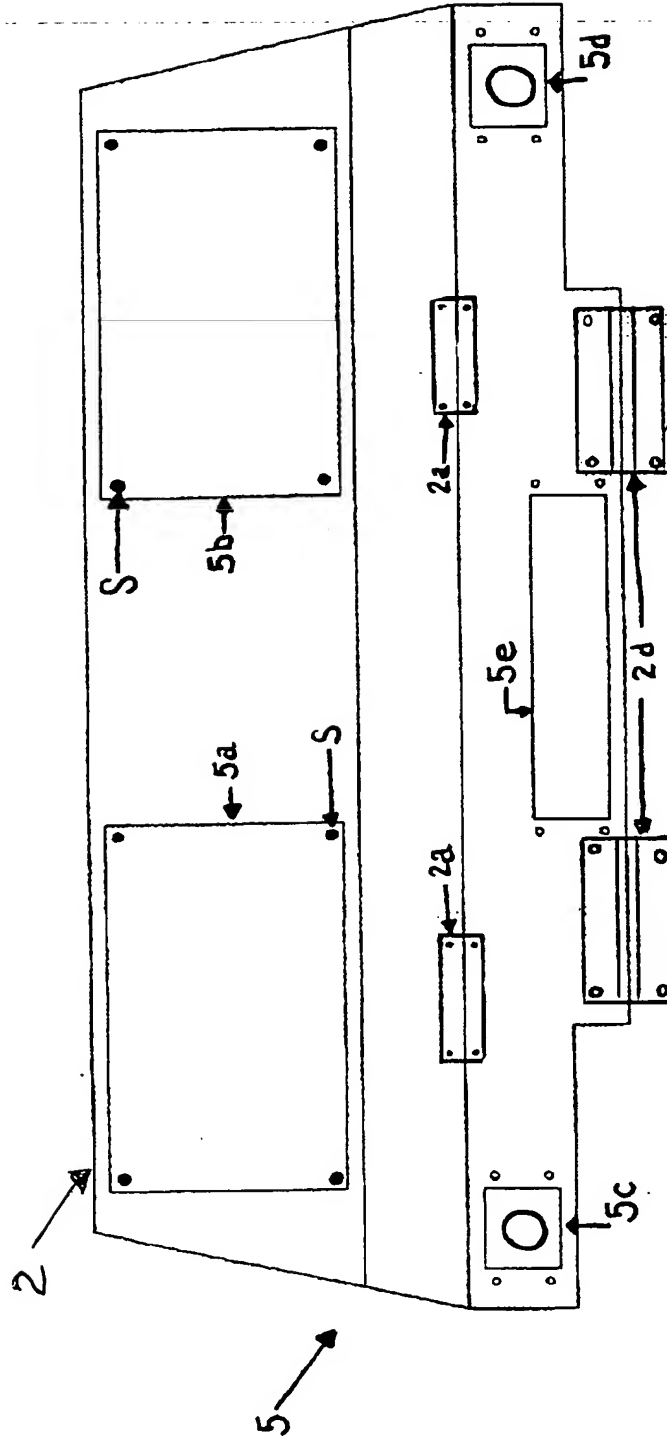


FIGURE 3(d)



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# PROPOSED DRAWING CHANGE

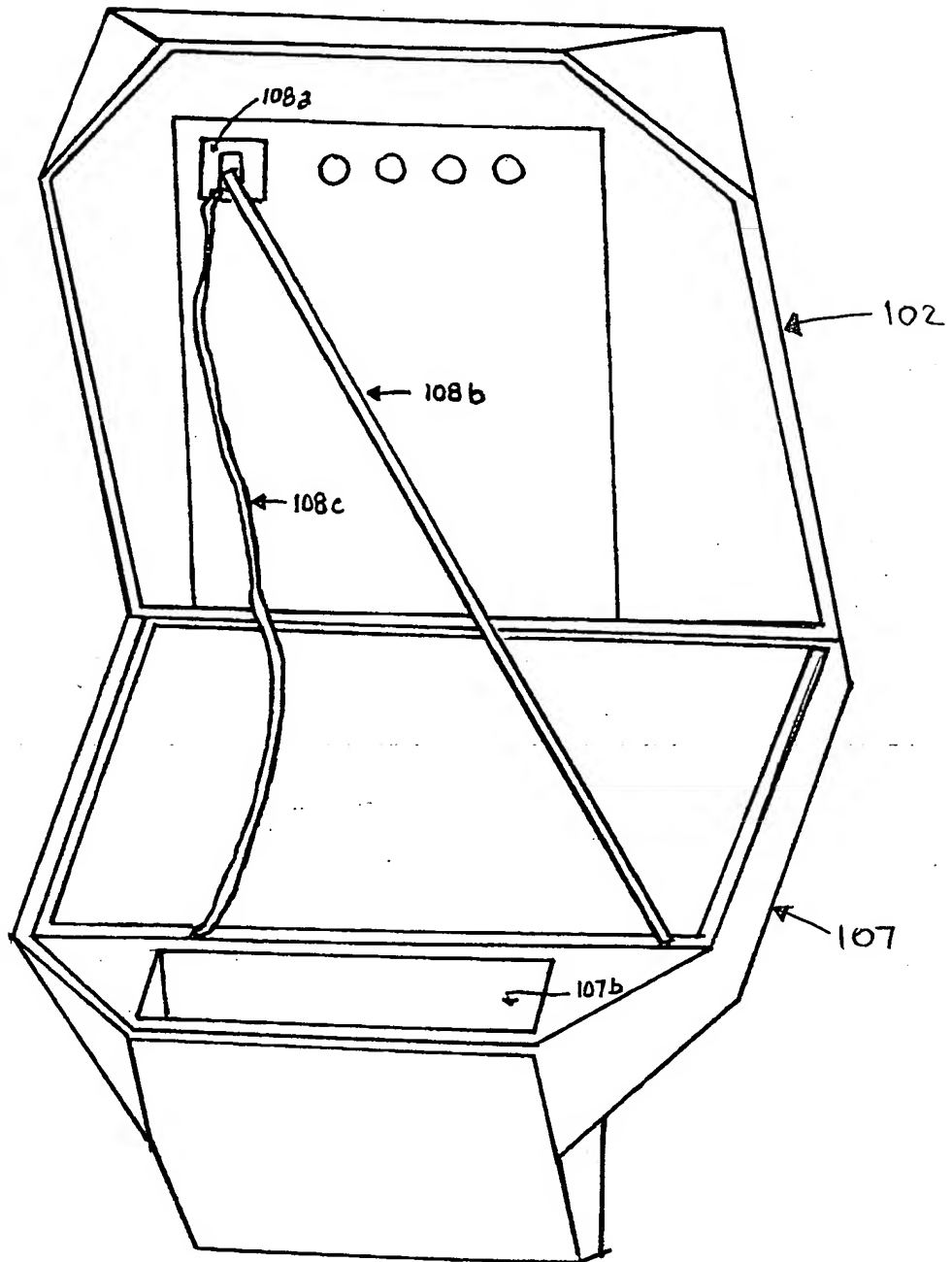


FIGURE 5(C)

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PROPOSED DRAWING CHANGE

Fig.6

